INTERNATION SEARCH REPORT

Inter J Application No
PCT/EP 01/04288

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01Q1/24 H01Q5/00 H01Q21/08 H01Q21/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 211 841 B1 (KITCHENER DEAN ET AL) 3 April 2001 (2001-04-03) column 5-6; figures 3-5B	1
Y		5,6
Y	WO 01 22528 A (SOLER CASTANY JORDI ;FRACTUS S A (ES); ANGUERA PROS JAUME (ES); BO) 29 March 2001 (2001-03-29) the whole document	5,6

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

'A' document defining the general state of the art which is not considered to be of particular relevance

'E' earlier document but published on or after the international filing date

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'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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'&' document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
6 December 2001	17/12/2001

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax (+31–70) 340–3016	Ribbe, J

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6211841 B1	03-04-2001	EP 1156549 A2	21-11-2001
WO 0122528 A	29-03-2001	WO 0122528 A1	29-03-2001
		AU 5984099 A	24-04-2001